Index of Claims

| Applicati | on/Con | itrol No. |
|-----------|--------|-----------|
|-----------|--------|-----------|

10/817,173

Examiner

Yolanda L. Wilson

Applicant(s)/Patent under Reexamination

**ROTHMAN ET AL.** 

Art Unit

2113

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ļ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim      | Date     |                |   |   |  | Claim Dat       |          |          |       |          | е         |              |                    |          |          | laim     |          | Date          |                   |            |          |   |         |  |                         |          |                 |     |
|--------------|----------|----------|----------------|---|---|--|-----------------|----------|----------|-------|----------|-----------|--------------|--------------------|----------|----------|----------|----------|---------------|-------------------|------------|----------|---|---------|--|-------------------------|----------|-----------------|-----|
|              | ख        |          |                |   |   |  |                 | ल        |          |       |          |           |              |                    | $\top$   |          | _        | <u> </u> | ΙĪ            |                   |            |          |   |         |  |                         |          |                 |     |
| Final        | Original | 9/28/06  |                |   |   | 1  |                 |          |          | Final | Original |           |              |                    |          |          |          |          |               | Final             | Original   |          |   |         |  |                         |          |                 |     |
| ፲፫           | ő        | 8        |                |   |   |  |                 |          |          | Ή     | Ö        |           |              |                    |          |          |          |          |               | Œ                 | l ë        |          |   |         |  |                         |          |                 |     |
|              |          | <u> </u> | -              | +   | ╀   | ₩  | $\vdash$        | Н        |          |       |          |           | -+           | -                  | <b>-</b> | Н        |          |          | -             | _                 |            | Н        | +   | -       | +  |                         | Н        | $\vdash \vdash$ | _   |
|              | 1        | =        |                | +-  | -   | -  |                 | Н        |          |       | 51       | $\vdash$  | $\dashv$     |                    | ╀        | Н        |          | $\dashv$ | -             | _                 | 101        | Н        | +   | +       | +  | ╁                       | Н        | $\dashv$        | _   |
|              | 3        | ▐        |                | +-  |   | ├  | -               | -        | _        |       | 52<br>53 | $\vdash$  | +            | +-                 | ╁        | ├        | $\dashv$ | $\dashv$ | -             | <u> </u>          | 102<br>103 | -        | -   | +       | +  | +-                      | Н        | $\vdash$        | -   |
|              | 4        | =        | $\vdash\vdash$ | ╁   | ╁   | ┢  | Н               | H        |          |       | 54       | $\vdash$  | $\dashv$     |                    | ╁╌       | $\vdash$ | $\dashv$ | $\dashv$ |               |                   | 103        | $\vdash$ | $\dashv$  | +       | +  | +                       | $\vdash$ | $\vdash$        | _   |
| -            | 5        | Ē        |                | ╁   | +   |  | $\vdash$        | Н        |          |       | 55       | $\vdash$  | $\dashv$     | +                  | +        | $\vdash$ | $\dashv$ | $\dashv$ | -             | $\vdash$          | 105        | $\vdash$ | $\dashv$  | +       | ╁  | +                       | Н        | $\vdash$        | _   |
| -            | 6        | =        | +              | ╁   | ╁   | H  | ╁               | H        |          |       | 56       | $\vdash$  | +            | +                  | +        | Н        | -        |          | ┨║            | $\vdash$          | 106        | Н        | $\dashv$  | +       | +  | +                       | Н        | $\dashv$        | -   |
|              | 7        | =        | $\vdash$       | +-  | ╁┈  | <del> </del>                                     | $\vdash$        |          |          |       | 57       | $\vdash$  | +            | +                  | +        | Н        | $\dashv$ | $\dashv$ | $\dashv$      | -                 | 107        | H        | $\dashv$  | +       | +  | +                       | H        | $\dashv$        | _   |
|              | 8        | =        |                | +   | T   | <del> </del>                                     | Н               | Н        | _        |       | 58       | $\vdash$  |              | _                  | †        |          | $\dashv$ | $\neg$   | ⊣᠁            |                   | 108        | H        | $\dashv$  | +       | +  | $\dagger$               | Н        | $\Box$          |     |
| _            | 9        | ┲        | $\vdash$       | T   | T   |  | Н               | П        |          |       | 59       |           | T            |                    | 1        | П        | $\neg$   | _        | ┦!!!          |                   | 109        | $\Box$   | 十   | $\top$  | ╅  | T                       | $\Box$   |                 |     |
|              | 10       | =        |                | Ť   | T   | T  | П               |          |          |       | 60       | $\Box$    | 十            |                    | $\top$   |          | 寸        |          | 7             | _                 | 110        | П        | $\top$  | $\top$  | 十  | T                       | $\Box$   | П               | _   |
|              | 11       | Ξ        |                | 丅   | Т   |  | П               | П        |          |       | 61       | $\Box$    | T            | $\top$             | 1        | П        | 寸        | $\neg$   | 7!!!          |                   | 111        | П        |   | 1       | 十  | $\top$                  | П        | $\Box$          | П   |
|              | 12       | Ξ        |                |   |   |  | П               |          |          |       | 62       |           |              |                    | 1        |          |          |          |               |                   | 112        | П        | ┰   | _       | ⋾  |                         |          | 口               |     |
|              | 13       | =        |                | Ι   |   |  |                 |          |          |       | 63       |           |              |                    |          |          |          |          |               |                   | 113        |          |   | ╧       |  |                         |          |                 |     |
|              | 14       | 0        |                |   |   |  |                 |          |          |       | 64       |           |              |                    |          |          |          |          |               |                   | 114        |          |   | _[      |  | $\perp$                 |          |                 |     |
|              | 15       | 0        |                |   |   |  |                 |          |          |       | 65       |           |              |                    |          |          |          |          |               |                   | 115        |          |   |         |  |                         | $\Box$   |                 |     |
|              | 16       | 0        |                | $\perp$   | $oxedsymbol{oxed}$  | oxdot  | Ш               | $\Box$   |          |       | 66       |           | $oxed{\bot}$ |                    |          | Ш        |          |          | _             | $\Box$            | 116        | Ш        | $oxed{I}$   |         |  | $\perp$                 | $\Box$   |                 |     |
|              | 17       | 0        |                | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |   |  | Ш               |          |          |       | 67       | Ц         | $\perp$      | $\perp$            | _        | Ш        | $\perp$  |          | _             | <u> </u>          | 117        | Ш        | $\perp$   | ᆚ       | ┵  | ┸                       | Ш        | Ш               |     |
|              | 18       | 0        |                |   | 丄   | $oxed{oxed}$                                     | Ш               | Ш        |          |       | 68       | Ш         |              | 丄                  | ┸        | Ш        | _        |          | <b>⅃</b> ⅲ    | <u>_</u>          | 118        |          |   | _ _     | ┵  |                         | Ш        |                 |     |
|              | 19       | 0        | $\Box$         | ┸   | 丄   | 乚  | Ш               | Ш        |          |       | 69       | Ш         | _            |                    |          |          | _        | _        | _             | $ldsymbol{f eta}$ | 119        | Ш        |   | ┵       |  |                         | Ш        | Ш               |     |
|              | 20       | 0        |                | _   | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | L  | Ш               | Щ        |          |       | 70       | $\Box$    | _            |                    | ╀        | Ш        | $\dashv$ |          | _             |                   | 120        | Ш        | _   |         | 4  | $\perp$                 | Ш        |                 |     |
|              | 21       | 0        |                | ╙   | <u> </u>  | _  | Ш               |          |          |       | 71       | Ш         | _            |                    |          | Ш        | _        |          | _             | _                 | 121        | Щ        |   | _       | _  |                         | $\sqcup$ |                 |     |
|              | 22       | 0        |                | _   | ↓_  | $oxed{oxed}$                                     | Ш               | Ш        |          |       | 72       | Ш         |              |                    | 1        |          | _        |          | 4             |                   | 122        | Ш        | $\dashv$  | 4       | 4  | ┷                       | Ш        | Ш               |     |
| <u></u>      | 23       | 0        |                | ╄   | ┞   | L  | Ш               | Ш        |          |       | 73       | $\sqcup$  | _            |                    | ↓_       | Щ        |          | _        | 4             |                   | 123        | Ŀ        | $\dashv$  | 4       | $\perp$  | $\bot$                  | $\sqcup$ | $\dashv$        | _   |
|              | 24       | 0        |                | ╀   | ┞   | $\sqcup$   | Ш               | Ы        |          |       | 74       | $\dashv$  | 4            | _                  | ╀        | Ш        | _        | -        | -             |                   | 124        | Ш        |   | +       | $\perp$  | _                       | $\sqcup$ | $\vdash$        | _   |
|              | 25       | 0        | $\vdash$       | ╀   | -   |  | Ш               | Ш        |          |       | 75       | $\dashv$  | +            | +                  | ╁        |          | _        | _        | -1:::         |                   | 125        | $\vdash$ | $\dashv$  | +       | +  | +                       | $\sqcup$ | $\dashv$        | _   |
| <u> </u>     | 26       | 0        | $\vdash$       | +-  | -   | $\vdash$   | Н               |          | _        |       | 76       | -         | -            |                    | ╀        | Н        |          | +        |               |                   | 126        | $\vdash$ | +   | +       | +  | +                       | $\vdash$ | $\dashv$        |     |
| $\vdash$     | 27       | 1        | -              | ┼   | ╁   | $\vdash$   | Н               | $\vdash$ |          |       | 77<br>78 | $\dashv$  | +            |                    | +-       | Н        |          |          |               |                   | 127        |          | +   | +       | +  | +                       | $\vdash$ | $\dashv$        | -   |
| <u> </u>     | 28       | =        |                | ╁   | ┼   | ╀╌   | Н               |          | =        |       | 79       | $\dashv$  | +            | -                  | +        |          |          |          | -             |                   | 128<br>129 | $\vdash$ | +   | +       | +  | ╁                       | $\vdash$ | $\vdash$        | -   |
|              | 29<br>30 | =        | -              | ╁   | ╁   | $\vdash$   | Н               |          | $\dashv$ |       | 80       | -         | +            |                    | +-       | $\vdash$ | $\dashv$ | -        | -             |                   | 130        | Н        | $\dashv$  | +       | +  | ┿                       | Н        | $\dashv$        | _   |
|              | 31       | -        | -              | ╁   | $\vdash$  | $\vdash$   | Н               | Н        |          |       | 81       | $\dashv$  | +            | +                  | +-       | Н        | $\dashv$ |          | -             | $\vdash$          | 131        | $\vdash$ | +   | +       | +  | +-                      | +        | $\vdash$        | _   |
|              | 32       | -        |                | ╁   | $\vdash$  | $\vdash$   | Н               | -        |          |       | 82       | -+        | -+           | +                  | +-       | Н        | $\dashv$ | -+       | -             |                   | 132        | H        | +   | +       | +  | +-                      | ╁╌┤      | $\vdash$        | -   |
|              | 33       | =        |                | ╁   | -   | $\vdash$   | Н               |          |          |       | 83       | $\dashv$  | 十            | +                  | +        | $\vdash$ | $\dashv$ |          | -             |                   | 133        | H        | +   | +       | +  | +                       | Н        |                 | _   |
| <u> </u>     | 34       | -        | +              | +   | 一   | <del>                                     </del> | $\vdash \vdash$ | $\vdash$ | $\dashv$ |       | 84       | $\dashv$  | +            | +                  | +        | Н        | $\dashv$ | -        | <b>-</b>  ::: |                   | 134        | H        | $\top$  | +       | +  | +-                      | Н        | $\sqcap$        | _   |
|              | 35       | =        | $\vdash$       | +   | T   |  | Н               | Н        |          |       | 85       | $\vdash$  | 十            | $\top$             | 十        | Н        | $\dashv$ | 十        | ٦             |                   | 135        | $\vdash$ | $\top$  | +       | +  | $\dagger$               | Н        | 一               | _   |
| <b>—</b>     | 36       | =        | $\vdash$       | †   | †   | П  | Н               | $\vdash$ |          |       | 86       | $\vdash$  | +            | +                  | T        | H        | $\dashv$ | 十        | ١!!!          | Ι-                | 136        | $\vdash$ | $\dashv$  | +       | ╅  | $\top$                  | $\vdash$ | $\sqcap$        | _   |
|              | 37       | =        |                | T   | T   | П  | H               | $\vdash$ | $\neg$   |       | 87       | $\vdash$  | +            | 十                  | +-       | Н        | $\dashv$ | $\dashv$ | 7             | <b>-</b>          | 137        | $\vdash$ | 十   | $\top$  | +  | T                       | $\sqcap$ | $\sqcap$        | _   |
|              | 38       | =        |                | $\top$  |   | П  | П               | $\Box$   | $\neg$   |       | 88       | $\sqcap$  | $\top$       | +                  | 1        | М        |          |          | 7             |                   | 138        | Н        | $\top$  | $\top$  | $\top$   | $\top$                  | П        | $\Box$          |     |
|              | 39       | =        |                | T   | Ī   |  | П               |          |          |       | 89       | $\sqcap$  | $\top$       | $\neg \vdash$      | 1        | П        | 1        | $\neg$   | 7!!!          |                   | 139        | П        | $\top$  | 十       | 十  | 1                       | П        | $\Box$          |     |
|              | 40       | =        |                |   |   |  |                 |          |          |       | 90       | ヿ         | T            | 十                  | 1        | П        | 寸        | $\neg$   |               |                   | 140        | П        |   |         |  |                         | П        | 口               |     |
|              | 41       | =        |                |   |   |  |                 |          |          |       | 91       |           |              |                    |          |          |          |          |               |                   | 141        |          | I   | I       | I  | I                       |          |                 | _   |
|              | 42       |          |                |   | $\Box$  |  |                 |          |          |       | 92       |           |              |                    | $\prod$  |          |          |          |               |                   | 142        |          | $\Box$  |         | I  | $oldsymbol{\mathbb{L}}$ |          |                 |     |
|              | 43_      |          |                | oxdot   |   |  |                 |          |          |       | 93       |           | $\Box$       |                    |          |          |          |          | ]             |                   | 143        |          | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\perp$ | $oldsymbol{ol}}}}}}}}}}}}}}$ |                         |          |                 |     |
|              | 44       |          |                | L   |   | $\Box$   | Ш               |          |          |       | 94       | $\square$ | $\perp$      | Ţ                  |          |          |          |          |               |                   | 144        | Ш        | $\bot$  | $\perp$ | $\perp$  | L                       | $\Box$   | $\Box$          | _   |
|              | 45       |          |                | L   |   | L  | Ш               | Ш        |          |       | 95       | $\Box$    | $\perp$      | $\bot$             |          |          |          |          | _             | <u> </u>          | 145        | Ш        |   | $\perp$ |  |                         | Ш        | Ш               |     |
| <u></u>      | 46       | _        |                | <u> </u>  | 乚   | Ш  | Ш               | Ш        |          |       | 96       | Щ         |              | $oldsymbol{\perp}$ | L        |          | [        |          | _ !!!         | <u> </u>          | 146        | Ш        | $\perp$   | _       | Ţ  |                         | Ш        | Ш               | _   |
| $oxed{oxed}$ | 47       |          |                | $\perp$   |   | $\Box$   | Ш               | Ш        |          |       | 97       | Ц         | $\perp$      |                    |          | $\Box$   | $\Box$   |          | _             | L                 | 147        | Ц        | $\perp$   |         | 1  | 1                       | Ш        |                 |     |
|              | 48       | L        | $oxed{oxed}$   | $oldsymbol{\perp}$  | _   |  | Ш               | Ш        |          |       | 98       | Ц         | $\perp$      |                    | $\perp$  | Ш        | _        |          | _ :::         |                   | 148        | Ц        | $\perp$   | $\perp$ | $\perp$  | $\bot$                  | Ш        | $\Box$          | _   |
| <u></u>      | 49       | L        | $oxed{oxed}$   | $\perp$   | <u> </u>  | Ш  | Ш               | Ш        |          |       | 99       | Щ         |              | _ل_                | $\perp$  | Ш        | _[       |          | _ :::         |                   | 149        | $\sqcup$ | _   | $\perp$ | $\perp$  | $\perp$                 | Ш        | Ш               |     |
|              | 50       | L        |                |   | 1   |  |                 | Ш        |          |       | 100      |           |              | - 1                |          | ı        |          |          | ]::::         | 1                 | 150        | ı        |   |         | 1  | 1                       | 1 1      |                 | - 1 |